

Abstract

3-Substituted 3,4-dihydrothieno[2,3-d]pyrimidin-4-one derivatives, production and use thereof

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The invention relates to 3,4-dihydro-thieno[2,3-d]pyrimidin-4-one derivatives which are substituted in position 3 by 5-membered heteroaryl which may be fused to an aryl or heteroaryl radical, where the heteroaryl and, if appropriate, the fused aryl or heteroaryl radical may have 1, 2 or 3 substituents selected independently of one another from C₁₋₅-alkyl, C₁₋₅-alkoxy, C₁₋₅-alkylthio, halogen, CN, halo-C₁₋₅-alkyl, halo-C₁₋₅-alkoxy, hydroxy, -NH₂, -N(R₆)₂, -NH(R₆), aryl, aryloxy, aralkyl, aralkyloxy and heteroaryl, where the substituents aryl, aryloxy, aralkyl, aralkyloxy and heteroaryl may have 1, 2 or 3 substituents selected independently of one another from C₁₋₅-alkyl, C₁₋₅-alkoxy, C₁₋₅-alkylthio, halogen, CN, halo-C₁₋₅-alkyl, halo-C₁₋₅-alkoxy, hydroxy, -NH₂, -N(R₆)₂ and -NH(R₆).

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The preparation and use of these derivatives, especially for therapeutic purposes, e.g. for the treatment of depressions, are likewise described.